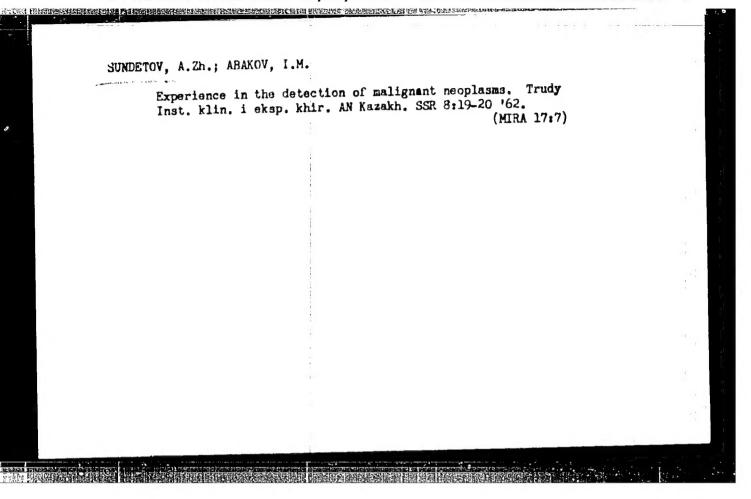
SUNDERHAUF, Frantisek, inz.

第二次,我们是一个人,我们是这种人的人,我们也是一个人,我们也是一个人,我们也没有一个人,我们也没有一个人,我们也没有一个人,我们也没有一个人,我们也没有一个人,

Determining the heating value of coal used in power plants for establishment of the price of fuels. Energetica Cz 13 no.11:576-580 Nº63.

1. Ustav pro vyzkum paliv, Bechovice.

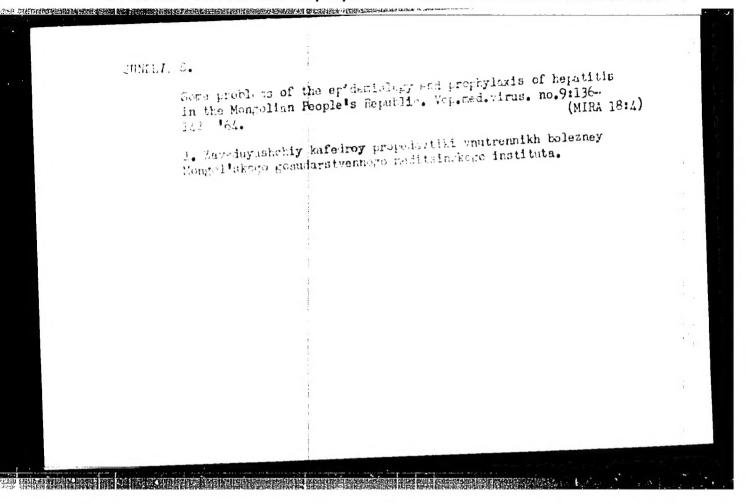
THE RESIDENCE OF THE PROPERTY 44100-66 ACC NR AP6009354 (A.N) SOURCE CODE: CZ/0078/65/000/011/0016/0016 Sunderhauf, Frantisek (Engineer; Prague); Umlasek, Josef (Engineer; Slapanice u Brna) 35 B ORG: none Tubular wall for combustion chambers and boilers. CZ Pat. TITLE: No. PV 803-63 SOURCE: Vynalezy, no. 11, 1965, 16 TOPIC TAGS: combustion chamber, engine cooling system ABSTRACT: An Author Certificate has been issued for a gastight, tubular, panel wall designed for combustion chambers or boilers cooled by circulating water. It consists of tubes connected by special strips. The strips are bent parallel to the axes of the tubes and have protrusions which are perpendicular to the axes. [KP] SUB CODE: 21/ SUBM DATE: 13Feb63/ 1/12(Card



SUNDETOV. U.D., inzh.

Gas control in coal mines in the Karagamia Basin. Bezop.trula v
prom. 4 no.11:10-11 N '60.

1. Gosgortekhnadzor Karakhskoy SSR.
(Karagamda Basin—Mine gases)



ACC NA: AP0032524

(A)

SOURCE CODE: UR/0413/66/000/017/0119/0119

Invinctor: Lokshin, A. L.; Hal'tsdv, V. P.; Sundevey, B. K.

OGG: none

TITLE: Tarust bearing. Class 47, No. 185635 [announced by Kaluga Turbine Plant (Kaluzhskiy turbinyy zavod)]

SOURCE: Izobreceniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 119

TOPIC TAGS: gas turbine, steam turbine, turbine bearing, turbine design, on tipution

ABSTRACT: The proposed thrust bearing for turbomachines, such as steam or gas turbines, contains a ring having rigidly fixed supports and pivoting, self-aligning

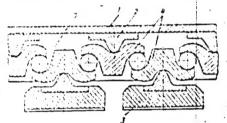


Fig. 1. Thrust bearing

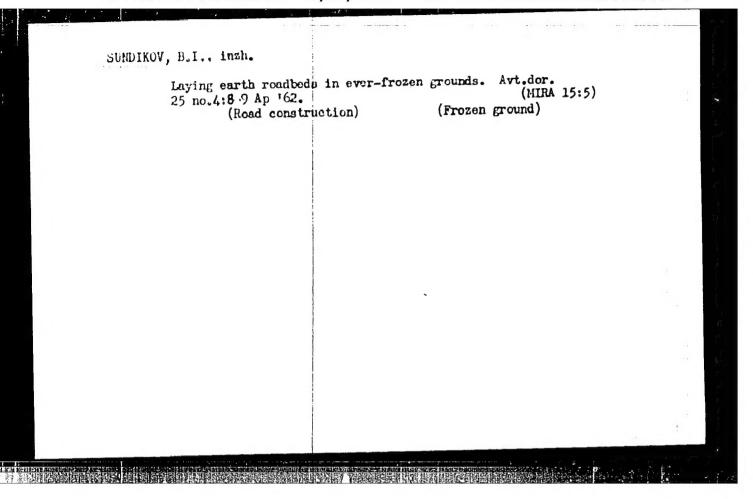
1 - Ring; 2 - supports; 3 - supporting / blocks; 4 - balancers; 5 - balls.

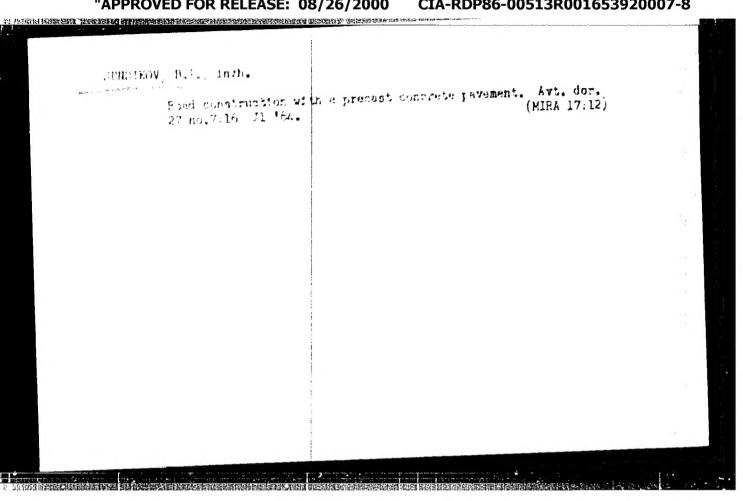
UDC: 621.165+621.438-233.23

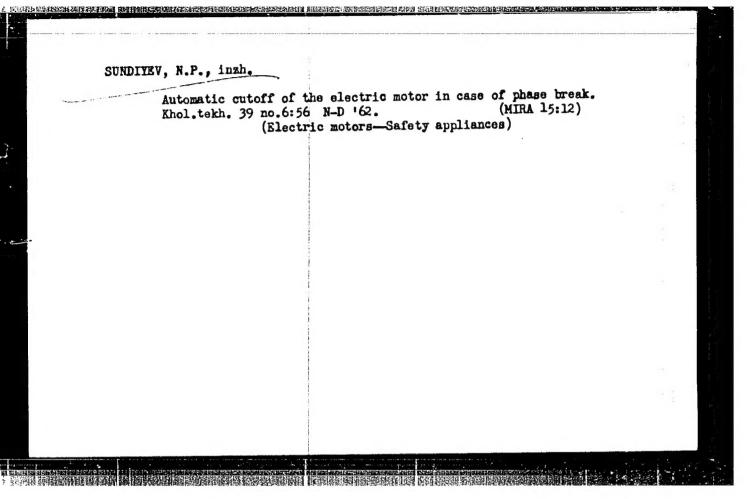
ACC NR: AP6032524

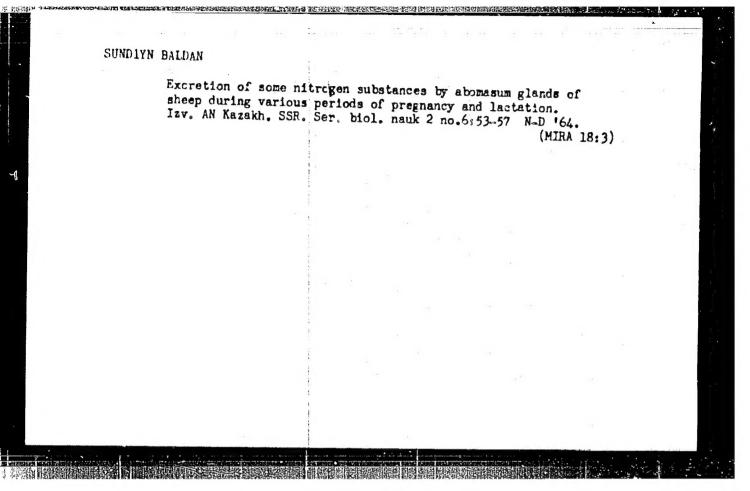
sup APPROVED FOR RELEASE 108/25/2000 t bl GIA-RDP86-005738001653920007-8" on the rigid supports and on bivoling /2000 t bl GIA-RDP86-005738001653920007-8" reliability and supporting capacity. the supports and the supporting blocks have reliability and supporting capacity, the supports and the supporting blocks in ribs, serving as pivoting axies for all moving parts of the bearing. Balls are placed between the balancers; the contact points of these balls are in a straight line with the balancer, perpendicular to the pivoting axis of the balancer and pass through the axis or below it (see Fig. 1). Orig. art. has: ure.

SUB CODE:/3,21/ SUBM DATE: 25Jan 65/









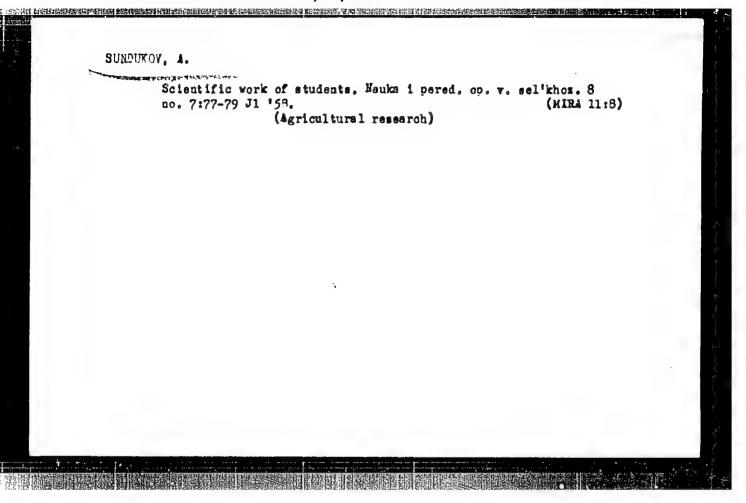
是一个人们的,我们是一个人们的,我们是一个人们的,我们就是一个人们的,我们就是一个人们的,我们就是一个人们的,我们就是一个人们的,我们就是一个人们的人们,我们就 第一个人们,我们就是一个人们的,我们就是一个人们的人们,我们就是一个人们的人们,我们就是一个人们的人们,我们就是一个人们的人们,我们就是一个人们的人们的人们也可

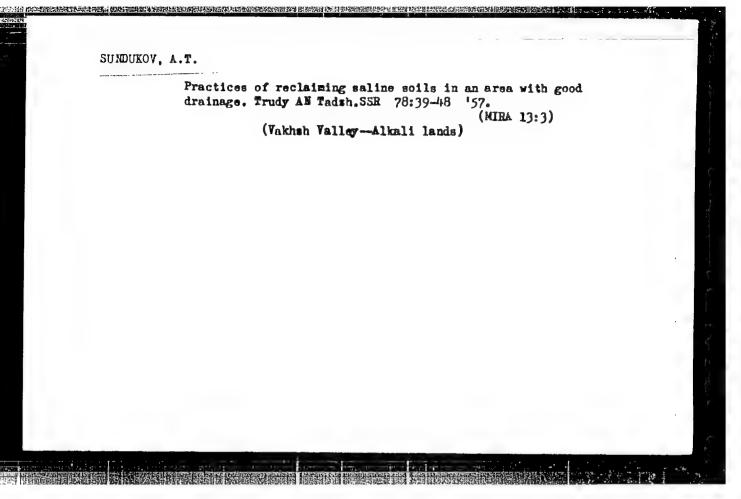
DORDEVIC, Slobodan; SUNDRICA, Zdravko

Sanitary conditions in Dubrovnik and improvements proposed by Vlaho Stulli to Marshal Marmont in 1808. Srpski arh. celok. 1ek. 89 no.10: 1225-1231 0 61.

(HISTORY OF MEDICINE)

5





SUNDUKOV, I. N. and PREDVODITILEV, A. S., Dr. Sci., Cor.Mbr.AS USSR

"The Problems of Combustion and Flame Front Spreading in Two-Phase Mixtures (Liquid Fuel & Air)," a paper presented at the 6th International Conference on Combustion, New Haven, 19-24 August 1956

Inst. of Energetics, Moscow, AS USSR A-52806, 9 Jul 56

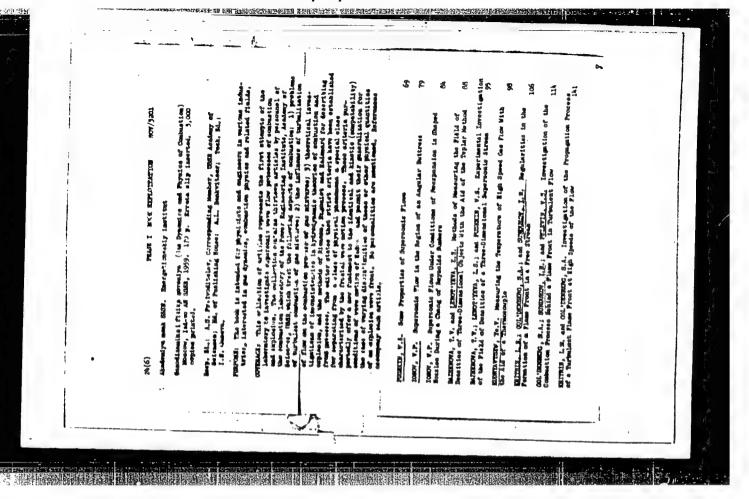
POPKOV, V.I., otv.red.; VINTER, A.V., akadenik, red. [decensed]; VEYTS, V.I., red.; PREDVODITBLEV, A.S., red.; STYRIKOVICH, M.A., red.; CHUKHAHOV, E.F., red.; BOGDAHOVA, N.B., kand.tekhn.nauk, red.; KOZLOV, B.K., kand.tekhn.nauk, red.; LEBEDEV, M.M., kand.tekhn.nauk, red.; SUNDUKOV, I.N., kand.tekhn.nauk, red.; ANTRUSHIN, B.D., red.izd-va; DUBKOV, P.V., red.izd-va; ZUBKOV, P.I., red.izd-va; MOYZHES, S.M., red.izd-va; PRUSAKOVA, T.A., tekhn.red.

在20 Man 19 Man

[Problems of power engineering; symposium dedicated to Academician G.M.Krshizhanovskii] Problemy energetiki; sbornik posvisshchaetsia skademiku G.M.Krshizhanovskomu. Moskva, 1959. 851 p.

1. Akademiya nauk SSSR. Energeticheskiy institut. 2. Chleny-korrespondenty AN SSSR (for Popkov, Veyts, Predvoditelev, Styri-kovich, Chukhanov).

(Power engineering)



SUNDUKCY, I. M. end CHEKALIN, E. K.

"Some Methods for Studying Two-Phase Fuel-Air Mixtures in a Flow."

report submitted for the 8th Intl. Symposium on Combustium,

Pasadena, Celifornia, 29 Aug - 2 Sept 1960.

32382 S/124/61/000/012/026/038 D237/D304

117200

AUTHORS: Predvoditelev, A. S., and Sundukov, I. N.

TITLE: On flame propagation in two-phase mixtures

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 12, 1961, 100, abstract 12B699 (Tr. Odessk. un-ta, Ser.

Fiz. n., 1960, 150, no. 7, 45-54)

THE REPORT OF THE PROPERTY OF

TEXT: The combustion of a two-phase system of vapors and droplets is investigated both theoretically and experimentally. One of the theoretically possible mechanisms of two-phase combustion in the conditions prevailing in the combustion chamber of an engine is considered. Assuming the mode of frontal combustion, the authors generalize complementary information on the formation and motion of combustion front. Experiments were performed in a special burner-atomizer. The percentage of liquid phase was determined from the number and size of droplet marks on the layer of soot deposited on the glass plate. The

X

Card 1/3

32382 S/124/61/000/012/026/038 D237/D304

On flame propagation ...

velocity of flame propagation was determined from the angle of the photographed flame jets by means of the formula g = Wsin C/2, where W = mean velocity of the flow of mixture, and --interior angle of the flame jet. Relationships were obtained of the velocity of flame propagation g and general factor of air excess 🧀 for proportions of liquid phase in the total amount of fuel ranging from 0% (homogeneous mixture) to 60%. The experiment shows the strong influence of the presence of a liquid phase in a burning mixture on the velocity of flame propagation. During the theoretical investigation, a series of formulas was obtained for the velocity of propagation of the flame front which was assumed to consist of a front of conflagration and where the ratio of infinitesimal increments of the normal to the surface and of time was taken as the velocity of front propagation for the mean distance between the droplets. etc. It is argued that the combustion of a two-phase mixture can be considered as a chemical reaction of the 2nd order with respect to the coefficient of air excess. The possibility is

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Card 2/3

32382

S/124/61/000/012/026/038 D237/D304

On flame propagation, ...

shown of the extension of the formulas obtained to the case of turbulent combustion of homogeneous mixtures where the part of the droplets can be played by gas clusters in random motion, and it is noted that detailed knowledge of chemical kinetics is not necessary in this case. Abstracter's note: Complete translation.

X

Card 3/3

S/081/61/000/023/020/061 B117/B147

AUTHORS:

Sundukov, I. N., Chekalin, E. K.

TITLE:

Measurement of the mean velocity of sprayed-fuel drops in

the flow of a fuel-air mixture

TERIODICAL:

Referativny zhurnal. Khimiya, no. 23, 1961, 267, abstract

23169 (Tr. Odessk. un-ta, Ser. fiz. n. v. 150, no. 7,

1960, 55-64

TEXT: Methods of quantitative measurement of the liquid phase in the flow of a two- phase mixture, the measurement of distribution of drops according to size, and the determination of the total surface of drops by the method of light scatter were studied. Results of experiments made with β -70 (B-70) gasoline are given. [Abstracter's note: Complete translation.]

Card 1/1

31290 S/124/61/000/010/025/056 D251/D301

11.73/0

AUTHORS:

Chekalin, E.K. and Sundukov, I.N.

TITLE:

Forced ignition of a current of a two-phase fuel-

air mixture by an incandescent body

PERIODICAL:

Referativnyy zhurnal. Mekhanika, no. 10, 1961, 81, abstract 10 B5/6 (Pr. Odes'k, un-tu. Ser. fiz. n., Tr. Odessk. un-ta, Ser. fiz. n., 1960, 150, no. 7,

66-73)

TEXT: The influence is considered of the parameters of flow of a two-phase mixture on the temperature of ignition by an incandescent body. The investigation was carried out on a special burner which permits variation of the ratio between the liquid and gaseous phases of the fuel, the dimension and velocity of the droplets in the stream. Tests were carried out with the coefficient of air excess equal to 0.56 and the velocity of the current of two-phase mixture equal to 16 m/sec. The igniter had the nature of a

Card 1/2

31290 S/124/61/000/010/025/056 D251/D301

Forced ignition of a current...

nichrome cylinder 3 mm in diameter and 15 mm long. It is observed that the temperature of ignition of the mixture depends on the ratio between the liquid and gaseous phases of the fuel and on the dimensions and velocity of the droplets. The corresponding dependence relationships are established. Abstracter's note: Complete translation

Card 2/2

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ACC NR AT7000294

SOURCE CODE: UR/3142/60/150/007/0045/0054

AUTHOR: Predvoditelev, A. S.; Sundukov, I. N.

ORG: None

TITLE: Flame propagation in two-phase mixtures

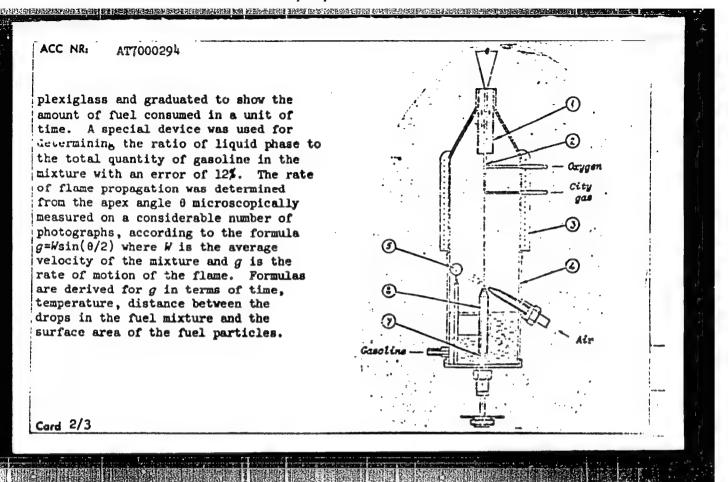
SOURCE: Odessa. Universitet. Trudy, v. 150. Seriya fizicheskikh nauk, no. 7, 1960. Voprosy ispareniya i goreniya v dispersnom vide (Problems of evaporation and combus-

tion in the dispersed state), 45-54

TOPIC TAGS: flame propagation, combustion kinetics, combustion chamber

ABSTRACT: The authors discuss one of the possible concepts of combustion of two-phase mixtures as a basis for a theoretical explanation of phenomena which take place in engine combustion chambers. Ignition of two-phase mixtures was studied with the help of the special vaporizing injection precombustion unit shown in the figure. Gasoline injected through atomizer 6 is directed by a jet of air against spherical deflector 5 to produce a finer fuel spray. The air and atomized fuel are mixed and fed to spray burner 1 13.3 mm in diameter. There the air is continuously ignited by gas-oxygen ignition source 2. Needle valve 7 is used for fuel flow regulation. Electric heater 3 surrounding the mixing chamber is used to control the amount of liquid phase in the mixture from 60% to zero. The lower section of the precombustion unit is made from

Card 1/3



CC NR: AT7000294	ĺ
nese formulas may be extended to turbulent combustion of homogeneous mixtures. rig. art. has: 3 figures, 13 formulas.	
JB CODE: 21/ SUBM DATE: Hone	
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ard 3/3	

ACC NR: ATTOU0295

SOURCE CODE: UR/3142/60/150/007/0065/0073

AUTHOR: Chekalin, E. K.; Sundukov, I. N.

ORG: None

TITLE: Forced ignition of a stream of two-phase fuel-air mixture by an incandescent

SOURCE: Cdessa. Universitet. Trudy, v. 150. Seriya fizicheskikh nauk, no. 7, 1960. Voprosy ispareniya i goreniya v dispersnom vide (Problems of evaporation and combustion in the dispersed state), 65-73

TOPIC TAGS: combustion kinetics, fuel ignition, liquid fuel, flow analysis

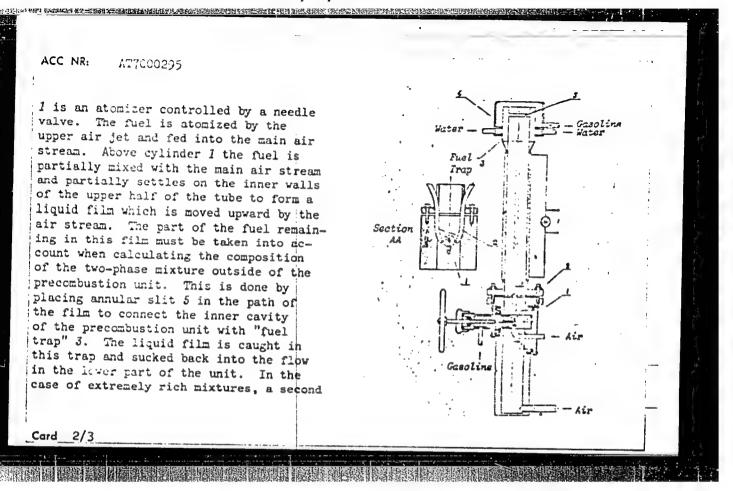
中国企工和经济中国和**的自分的工程和引起实现**的以为根据的复数形式形式。多为形式和非元代码,实现的现代的对象,但也不是可以通过,然识的关系统计划的比较级的强度的

ABSTRACT: The authors study the temperature of forced ignition by an incandescent body as a function of various flow parameters of a two-phase mixture. A mixture with controllable parameters was produced by the special precombustion unit shown in the figure. This installation consists of a tube 20 mm in diameter closed at the lower end and made in two sections. The main air introduced at the bottom end perpendicular to the longitudinal axis determines the composition of the fuel-air mixture. This air moves upward washing over cylinder 1 10 mm in diameter and two tubes 2 as shown in section AA. After passing the cylinder, the air stream reaches the upper half of the precombustion unit and leaves the nozzle in the form of a cylindrical jet. Cylinder

Card 1/3

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653920007-8



fuel trap I made from plexiglass in the form of an annular vessel around the precombustion tube catches the excess fuel which is measured to correct the fuel concentration in the jet. The temperature of forced ignition was measured as a function of the ratio between the liquid and gaseous phases of the fuel, the average size and total area of the drop in a unit of flow and the average velocity of the drops in the stream. The results show that the temperature of forced ignition by an incandescent body in a stream of vaporized complex fuel is chiefly dependent on the velocity and average dimensions of the fuel drops. Orig. art. has: 4 figures, 1 table.

SUB CODE: 21/10/SUBM DATE: None/ CRISTIAN OTH REF: COS 003

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653920007-8"

SUNDUKOV, N.A., kandidat pedsgogicheskikh nauk; TUCHNIN, N.P., kandidat pedagogicheskikh nauk; BULATOVA, N.P., redaktor; TRESTNIKOV, V.N. redaktor; TUSHKEVICH, A.V., teknnicheskiy redaktor.

[Work in physics and engineering outside class] Vneklassmaia rabota po fixike i teknnike. Pod red.N.P. Bulatova. Moskva, 1955.
138 p. (MLRA 8:9)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscov. Institut teorii i istorii pedagogiki.

(Physics--Study and teaching)

SUMDUKOV, N.A.; SHCHUKIN, 3.V.; BELOVA, M.L., redaktor; GARNEK, V.P., tekhnicheskiy redaktor

[Experience with teaching general science in rural schools; a collection of articles] Opyt politekhnicheskogo obucheniia v sel'skoi shkole; sbornik statei. Pod red. S.V.Shchukina. Moskva, 1956 325 p.

(MIRA 10:1)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki.

(Technical education)

BULATOV, N.P.; SUNIUKOV, N.A.; SKATKIN, M.N., red.; KOPTEKOVA, L.A., red.; LAUT, V.G., tekhn.red.

[Technical instruction in a city school] Opyt politekhnicheskogo obucheniia v gorodskoi shkole. Pod red. M.N.Skatkina. Moskva, Izd-vo Akad.pedagog.nauk RSFSR, 1959. 164 p. (NIRA 12:10)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniya. 2. Chlen-korrespondent Akademii pedagogi-

cheskikh nauk RSFSR (for Skatkin).
(Technical education)

SUNDUKOV, V. A. Cand Med Soi -- (diss) "Data on medicolegal diagnosis of acute poisoning with the part of multisulferous petroleum." AstBakhan', 1957. 11 pp 19 cm.

(Min of Health RSFSR. Stalingrad State Mod Inst), 100 ccpies (KL, 13-57, 101)

-52-

KIY, V. [Kyi, V.], starshiy nauchnyy sotrudnik; SUNKUKOV, Yu., starshiy nauchnyy sotrudnik

Bioelectric stimulation. Nauka i zhyttia 12 no.7:42 J1 '62.
(MIRA 16:1)

1. Vychislitel'nyy chentr AN UkrSSR.
(Electrophysiology) (Electrotherapeutics)

38332 SUBDEKOVA, A. A., TRUIS, F. V., AND KLEBANOVA, A. A.

K vocrosy o mekhanizma devstviva streptomitsina. Froblemy tubarkuleza, 1949,
No 6, s. 48-50

SEMERANA, 1.1.; ILVIE, K.G.; VARIBA, T.F.

Detail calubility in the tereary system 1401 - 150 Py. - H2G.

1zv. vva. ucheh. zav.; knim. i knim. r.vv. " and r.v. 7.020 Py.

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This construction of the tereary system 1401 - 1

SUNDUK'YAN, G.S.; BOYARINOV, A.K., retsenzent; STARIKOV, A.Ya., retsenzent;

SIDEMOV, A.G., redaktor; TSAPLYAYEVA, Z.S., redaktor; IABUS, G.A.,
tekhnicneskiy redaktor

[Varehouse economy and principles of storing crude hides and furs]
Skladskoe khoziaistvo i osnovy khraneniia zhivotnovodcheskogo syr'ia
i pushniny. Moskva, dos. izd-vo tekhn. i ekon. lit-ry po voprosam
zagotovok, 1953. 275 p.

(HIRA 10:1)

(Hides and skins--Storage)

BLYUMENTAL', Samuil Yefimovich; SUMDUK! YAH, Grigoriy Stepanovich; SIDOROV, A.G., redaktor; KRIVYAKIN, B.I., redaktor; GOLUBKOVA, L.A., tekhredaktor

[Manual for officials in charge of purchases of unprocessed livestock products and furs] Spravochnik zagotovitelia zhivotnovodcheskogo zyria i pushniny. Izd. 2-oe, perer. Pod red. A.G. Sidorova. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1956. 367 p.

(Fur) (Hides and skins)

SUNDUK'YAN, Grigoriy Stepanovich; BELOV, Konstantin Aleksandrovich; BLYU-MENTAL', Samuil Yefimovich [deceased]; KRYUCHKOV, S.M., red.; PAV-LOVA, A.S., red. izd-va; FOMICHEV, P.M., tekhn. red.

[Manual on the procurement of raw animal products and pelts] Posobie dlia zagotovitelia zhivotnovodcheskogo syr'ia i pushniny. Moskva, Izd-vo TSentrosoiuza, 1961. 299 p. (MIRA 14:11) (Animal products)

KHAVKUNOV, P.Ya.; SUNDUK'YAN, P.S.

Role of the slaughtering stations and slaughtering platforms in the improvement of the quality of raw leather. Kozh,-ctuv prom. 6 no.4:10-13 Ap'64.

(MIRA 17:5)

然。 第185章 1958年 1851年 1858年 18584 18584 18584 18584 18584 18584 18584 18584 18584 18584 18

GOLOVIN, A.A.; KARASEV, K.A.; SUNDYREV, I.A.

Some remarks on the processing of "iron hat" type ores by cyanidation. Sbor. nauch. trud. Ural. politekh. inst. no.134:93-97 '63. (MIRA 17:1)

SUNEC, Gordana, inz.

Cleaning of waste waters in the "Ciba" Factory. Kem ind 9 no.12: S-132 D '60.

1. "Pliva", Zagreb; clan Redakcionog odbora, "Sigurnost u pogonu"

。 第一次,第二次的第三人称形式 1500年的 1500年

SUNGAILE, Ya. Ya., and BIYEZIN, A. P., (Prof) -- Riga

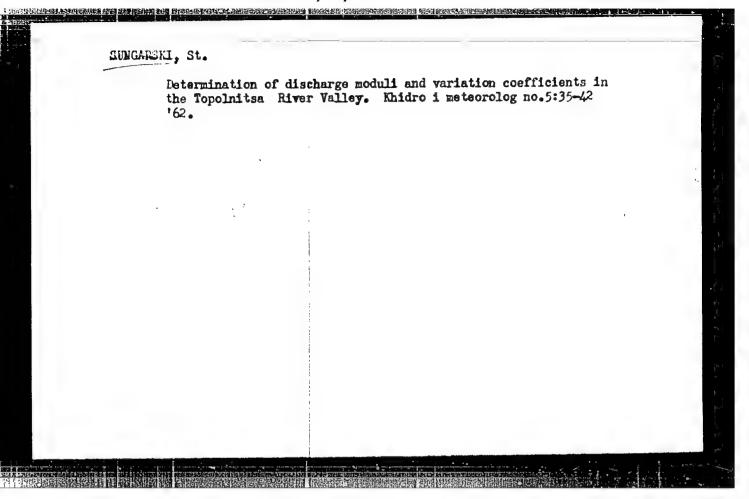
"Treatment of Chemical Burns of Esophagus in Children."

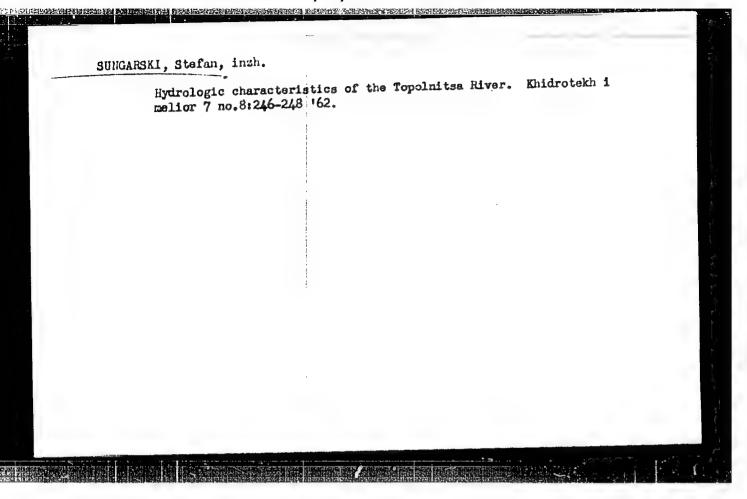
Report submitted for the 27th Congress of Surgeons of the USSR, Moscow, 23-28 May 1960.

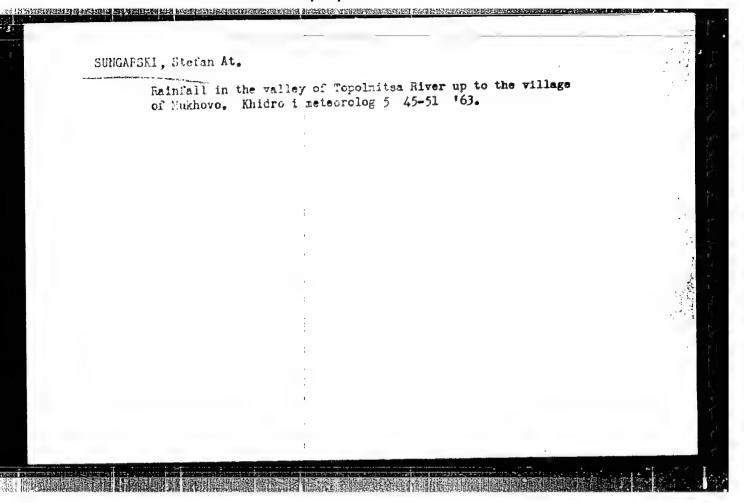
SUNGAL, M.M.

Functional relationship between the average cost of electric power delivered to consumers. Nauch. dokl. vys. shkoly; energ. no.1:33-40 (MIRA 11:10)

1.Rekomendovano Latviyskim gosudarstvennym universitetom.
(Electric power distribution)







SOV/97-58-7-7/10 Sungatullin. Ya. C. (Eng.). AUTHOR:

Results From Investigations of Pre-Cast and Pre-Cast-TITLE:

Monolithic Floor Slabs from Keramzit-Concrete, Reinforced

With Pre-Stressed Reinforced Concrete Elements.

(Nekotoryye rezul'taty issledovaniya sbornykh i sborncmonolitnykh perekrytiy iz keramzitobetona, armirovannykh predvaritel no napryazhennymi zhelezobetonnymi elementami).

PERIODICAL:

Beton i Zhelezobeton, 1958, Nr. 7. pp. 270 - 273. (USSR).

ABSTRACT:

In 1957 two series of the above-mentioned slabs, with a span of 3.6 m, were investigated in the Laboratory for Reinforced Concrete Constructions for Housing Purposes

of the Scientific Research Institute for Concrete and Reinforced Concrete, ASIA of USSR (Laboratoriya zhelezobeten-

nykh konstruktsiy zhilykh i grazhdanskikh zdaniy Nauchno-issledovatel skogo instituta betona i zhelezobetona

ASIA SSSR). The slabs of the first series KP-3 and KP-4 were made from Keramzit-concrete with strength of 80 - 85 kg/cm, reinforced with three pre-stressed reinforced concrete elements 50 x 50 mm in cross section, positioned on edge. Types of slab of the second series

KP-5 and KP-6 were made partly pre-cast monolithic slab with pre-stressed reinforced concrete slabs

Card 1/3

SOV/97-59-7-7/10

Results From Investigations of Pre-Cast and Pre-Cast-Monolithic Floor Slabs from Keramzit-Concrete, Reinforced With Pre-Stressed Reinforced Concrete Elements.

30 x 200 mm in cross section which also perform the function of formwork (see Table 1). The mix of the Keramzit-concrete was 1:2.3:5.35 and water/cement ratio = 0.76; 220 kg/m³ of cement Mk 400 were used. Concrete for pre-stressed reinforced concrete elements was of the mix 1:1.3:2.4, water/cement ratio = 0.4; 350 kg/m³ of cement Mk 600 were used. Table 1 gives technical data for various materials used. Fig.2 illustrates prestressing of reinforced concrete elements, and checking the value of contraction of the reinforcement. From 4 slaos investigated, 2 (KP-4 and KP-6) were tested to crushing point, and 2 (KP-3 and KP-5) to load exceeding the calculated by 20 - 40%. Graph 3 shows that deflection increases up to the point when cracks appear proportionately to the load. With further loading the deflection increases more than three times. The cracks appear in pre-stressed reinforced concrete elements when the load reaches the value of 1,176 kg/m². Fig.4 illustrates a graph of deflection of slabs KP-5 and KP-6 in the middle of the span. Tests show deflection of the

Card 2/3

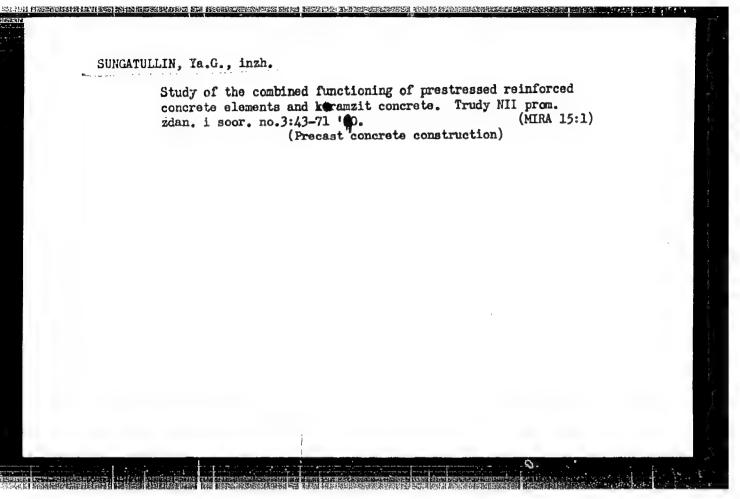
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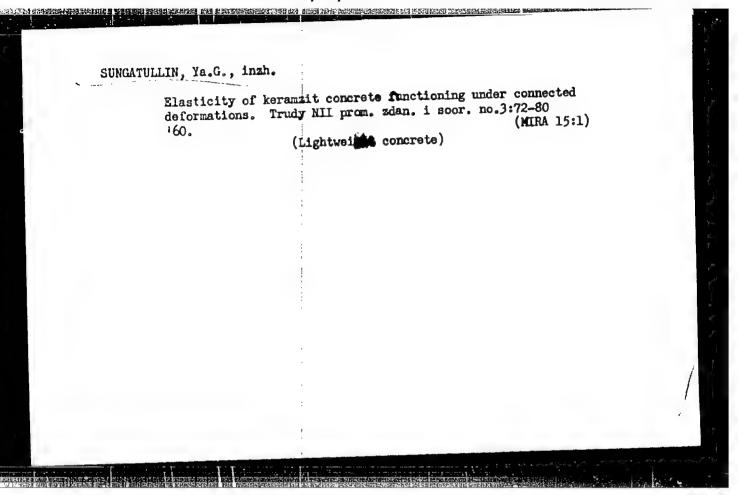
Results From Investigations of Pre-Cast and Pre-Cast Monolithic Floor Slabs from Keramzit-Concrete, Reinforced With Pre-Stressed Reinforced Concrete Elements.

slab KP-3 increased by 1.5 mm after 112 days subjection to load of 820 kg/m³. Deflection of the slab KP-5 increased by 0.36 mm after 44 days subjection to load of 1060 kg/m³. Graph 5 illustrates increasing deflections taken in the middle of the span of slabs KP-3, KP-5 and KP-6. From this graph it can be observed that at the loading of 650 - 750 kg/m², Keramzit-concrete has a residual deformation in limits of 3.10-5 to 5.4.10-5. Tests showed that the appearance of cracks in the extreme fibres of the tensioned zone is in permissible limits. Graph 6 illustrates deformation slab KP-6 taken at various heights of the cross section. Evaluation of economical advantages of these slabs is discussed in detail. There are 6 Figures and 3 Tables.

1. Construction materials—Analysis 2. Reinforced concrete— Properties 3. Conserve—Properties 4. Construction materials—Test results

Card 3/3





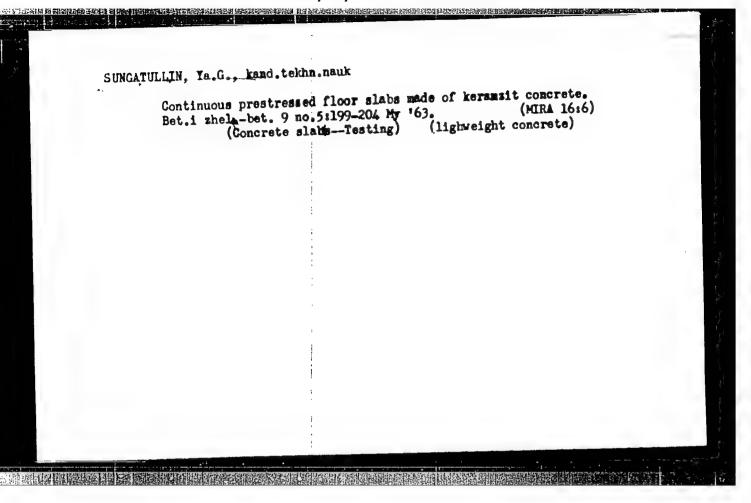
SUNGATULLIA, Ya. G.

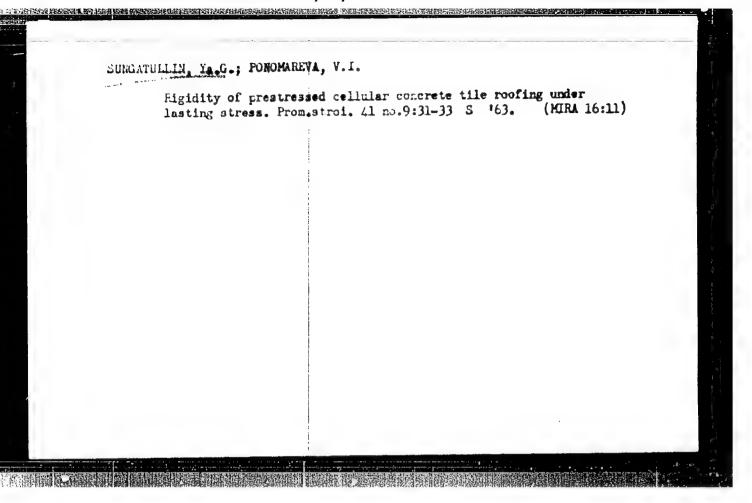
Cand Tech Sci - (diss) "Experimental study of the joint performance of pre-stressed reinforced concrete elements containing ceramic-of pre-stressed reinforced concrete." Moscow, 1961. 20 pp; (Academy of Construction and concrete." Moscow, 1961. Scientific Research Inst of Construction Designs); 150 cories; price not given; (KL, 6-61 sup, 226)

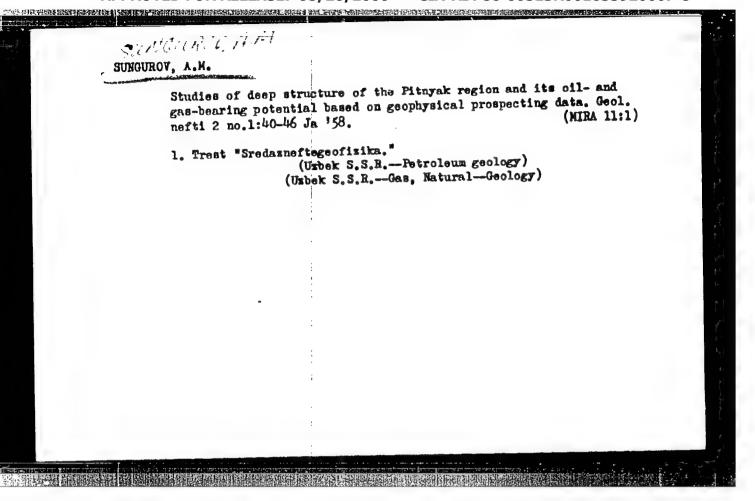
SUNGATULLIN, Ya.G., inzh.; ZOLOTUKHIN, V.G., inzh.; DOLINSKIY, N.V., insh.

Plat slabs for floors and attic roofs made of lightweight concrete. Bet. i zhel.-bet. no.ll:504-507 N *61. (MIPA 16:8)

(Concrete slabs)







KORNEV, V.A.; LUTSUK, Ye.M.; SUNGUROV, A.M.

Basic characteristics of the tectonics of the Caspian Sea based on marine geophysical data. Sov.geol. 5 no.12:80-99 D'62. (MIRA 16:2)

1. Nauchno-issledovatel'skaya morskaya geofizicheskaya ekpeditsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta geofiziki. (Caspian Sea region—Geology, Structural)

SUNCUROV, Aleksendr Nikolayevich; KHUNTSKARSKAYA, Ye,N., red.;
KOZLOVSKAYA, M.D., tekhn.red.

[Excursion guide to birds of European Russis; menual for teachers of secondary schools] Ekskursionnyi opredelitel ptits Evropeiskoi chasti SSSR; posobie dlia uchitelei srednei shkoly.

Moskva, Gos.uchebno-padagog.isd-vo M-va prosv.RSFSR, 1960. 233 p.

(MIRA 14:1)

(Birds--Identification)

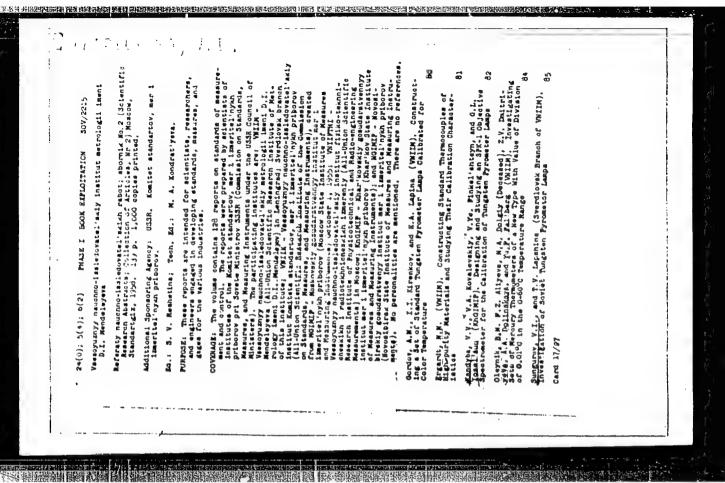
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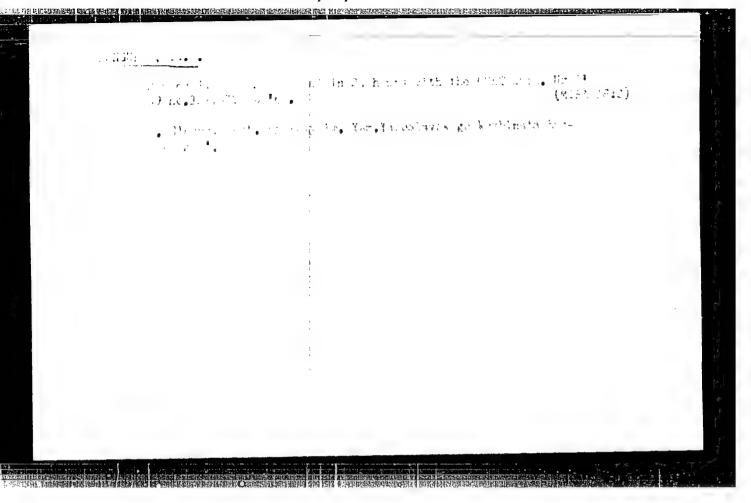
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ACC No. 120033345

movements. The mensor, which is in a lightproof compartment, consists of a light mourae and a SYM-1 photoresistor (see Fig. 1). The light beam from the sensor mourae and a SYM-1 photoresistor (see Fig. 1). The light beam from the sensor is directed so that it strikes the junction of the iris and sclera. Orig. art. nam: 4 figures.

SUB CODE: 06 Fig. SUBM DATE: 22Sep65/ ORIG REF: 008/ OTH REF: 005/ ATD PRESS: 5103





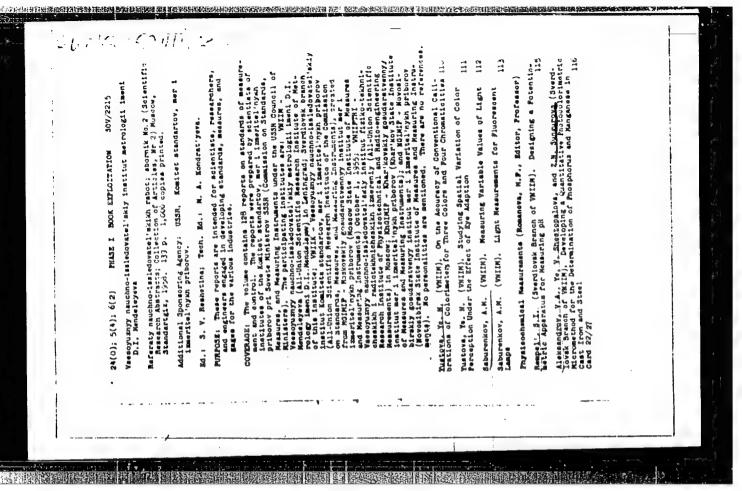
cord 1/2	ORG: Physics Institute im. P. N. stitut Akademii nauk SSSR) TITLE: Continuous coherent radiat SOURCE: Zhurnal eksperimental noy Prilozhoniye, v. h, no. 6, 1966, 2 TOPIC TAGS: gallium arsenide, epiemission spectrum, recombination emission spectrum, recombination with epitaxial pn junction operated duced by liquid epitaxy by the material layer was doped with teptaxial layer was doped with the spectra of the same diode, of in pulsed or continuous operation.	tion of epitaxial diodes of GaAs at 77K i teoreticheskoy fiziki. Pis'ma'v redaktsiyu. 208-210 itaxial growing, pn junction, semiconductor laser,
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ACC NR. AP6032018

The spectrum in the pulsed mode, connected with the constant heating of the active region in the continuous case. This difference between the spectra in the two modes is larger for small currents and decreases on approaching the threshold current. The latter effect is connected with the presence of deep electronic levels with very low state density. Coherent radiation in the continuous mode occurs at a current of 250 ma (612 a/cm²). The narrow spectral line appearing in this case corresponds most probably to the non-axial "annular" type of resonator oscillations. At \$10 ma (1020 a/cm²), a new system of coherent lines appears, which can be interpreted as corresponding to axial modes of the cavity. The total emission power of the diode for which the spectra are presented is 5 mM at the appearance of the first coherent line and 70 mM at a current 1.5 a. Orig. art. has: 1 figure.

[02]

SUB CODE: 20/ SUBM DATE: 13.74m66/ OTH REF: 002/ ATD PRESS: 5084

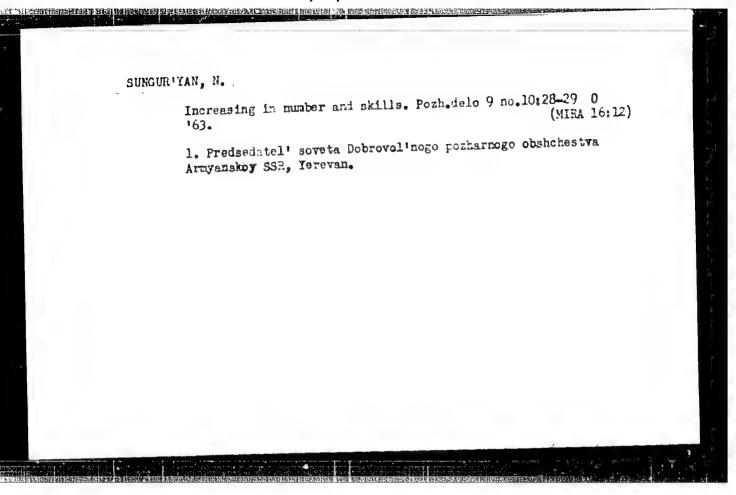


SIDOROV, I.N., kand. tekhn. nauk; SUNGUROVA, Z.N.; SHCHUKINA, N.A.

Study of gases in Ural coal deposits and amount of methane emanation in mines. Trudy Gor.-gaol. inst. UFAN SSSR no.31:59-82 '58.

(MIRA 12:9)

(Ural Mountain region-Mine gases)



PCHELINA, Ye.A.; SUNI, Ye.E.

Cholangiography and manometry during surgery. Vest.khir. no.1:45-50'63. (MIRA 16:7)

l. Iz Leningradskogo nauchno-issledovatel skogo instituta skoroy pomoshchi imeni prof. I.I.Dzhanelidze (izpolnyayushciy obyazannosti direktora - doktor med. nauk Ye.G.TSurinova, nauchnyy rukovoditel prof. A.N.Berkutov).

(BILE DUCTS—SURGERY) (BILE DUCTS—RADIOGRAPHY)

RITZ, Milana, dipl. inz.; SUNIC, Marija, dipl. inz.; FILAJDIC, Mirko, dr. dipl. inz.

。在1925年代的大学、全球中国主义的,但是1920年代的1920年代,中国1920年代的1920年代,1920年代

Colorimetric determination of methanol in spirit and braniles. Kem ind 13 no.4:267-273 Ap '64

1. Biotechnological Section of the Technological Faculty, Zagreb. 2. Member of the Board of Editors, "Kemija u industriji" (for Filajdic)

JUNIA, U. P.

Dissertation defended for the degree of Doctor of Philological Sciences at the Institute of Linguistics 1962.

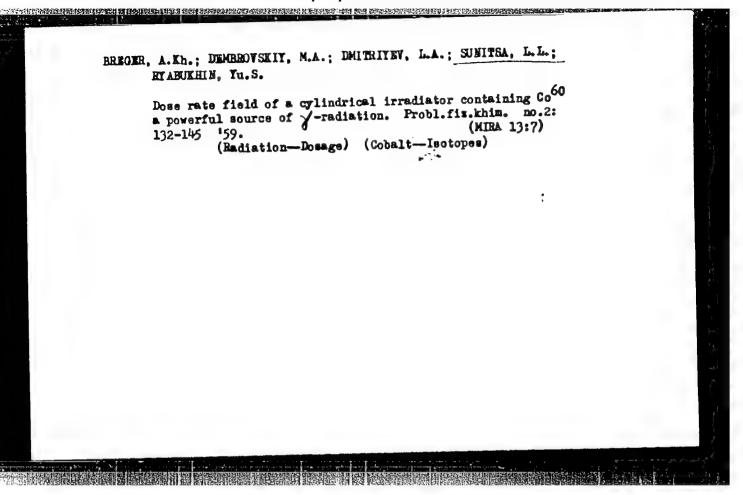
"The Verb in the Tunguso-Manchurian Languages. Morphological Structure and System of Forms of Verbal Words."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

KUZMINSKIY, A. S., NIKITINA, T. S., ZHURAVSKAYA, E. V., OKSENT'YEVICH, L. A., SUNITSA, L. L., and VITUSHKIN, N. I.

M "The Effect of Ionizing Radiations on Crude and Vulcanized Rubbers."

paper to be presented at 2nd UN Intl. Conf. on the peaceful uses of Atomic Energy, Geneva, 1 - 13 S ep 58.



KUZ'MINSKIY, A.S.; RUZER, L.S.; SUNITSA, L.L.; Prinimali uchastiye: VINOGRADOV, V.V.; VITUSHKIN, N.I.; YEVLAMPIYEV, A.I.; OSIPOV, V.B.

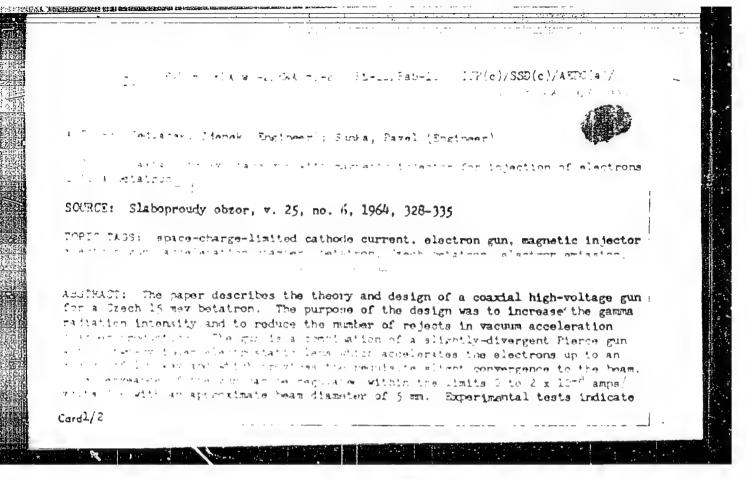
Apparatus with a source of gauma rays of Co⁶⁰ with 16,000 g-equivalent of radium for radiochemical investigations of crude and vulcanized rubbers. Kauch. i rez. 20 no.11:8-10 N 61. (MIRA 15:1)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.
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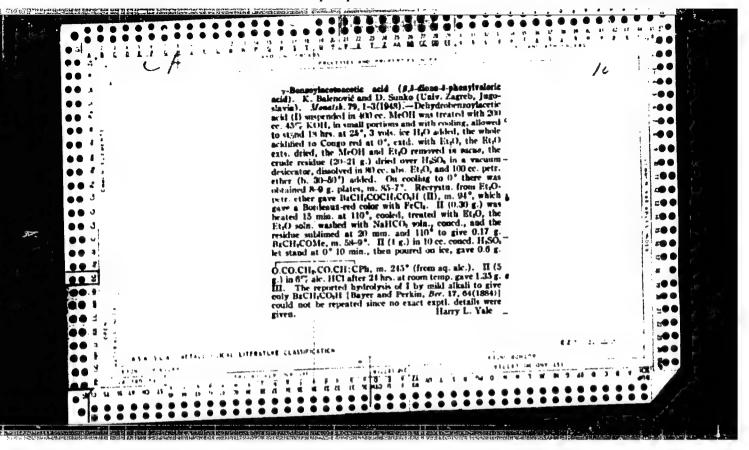
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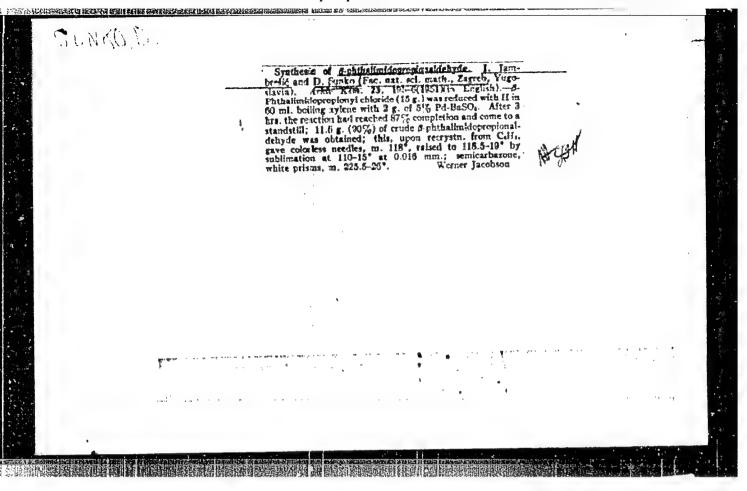
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9.	Monthly	List	of Russia	n Acces	sions,	Library	of Cor	ngress,_	June	195 3 ,	Uncl.	

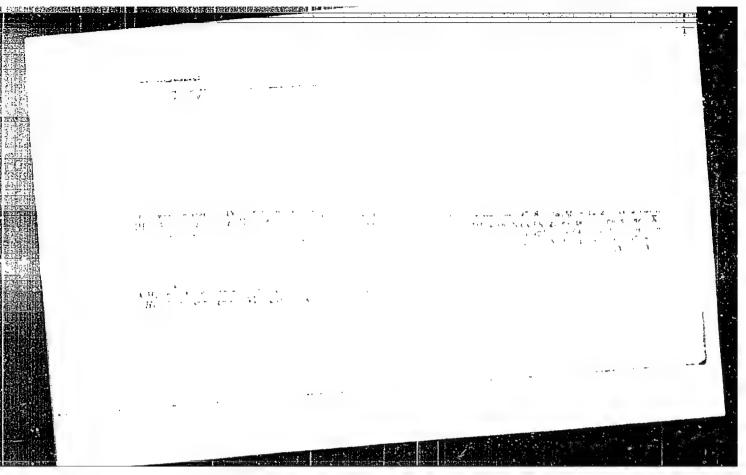
SUNKO, D.

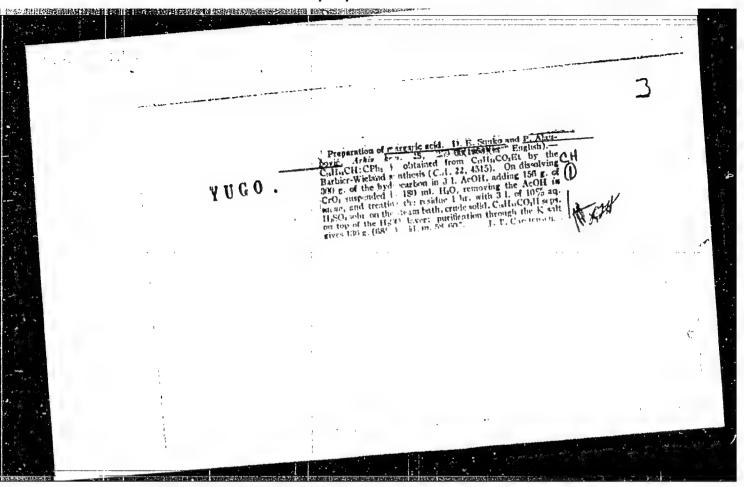
Determining the power of fishing boat engines during their life of services. p. 6. (Gozdarski vestnik, Vol. 9, No. 1, Jan. 1957, Ljubljana, Yugoslavia*)

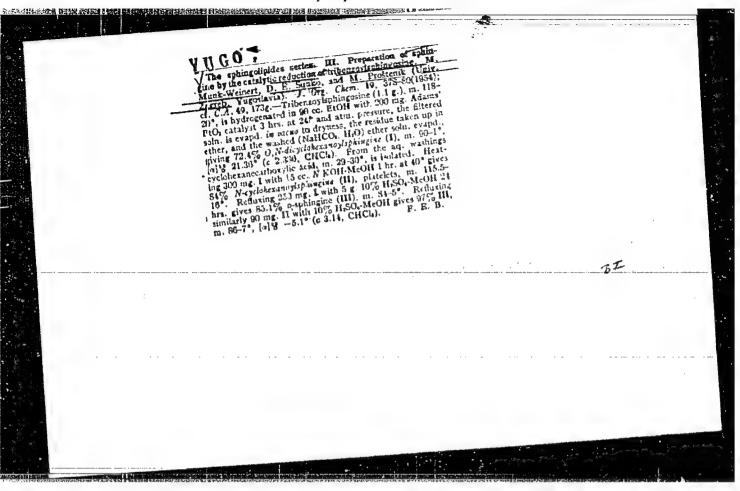
So: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Mag. 1957. Uncl.

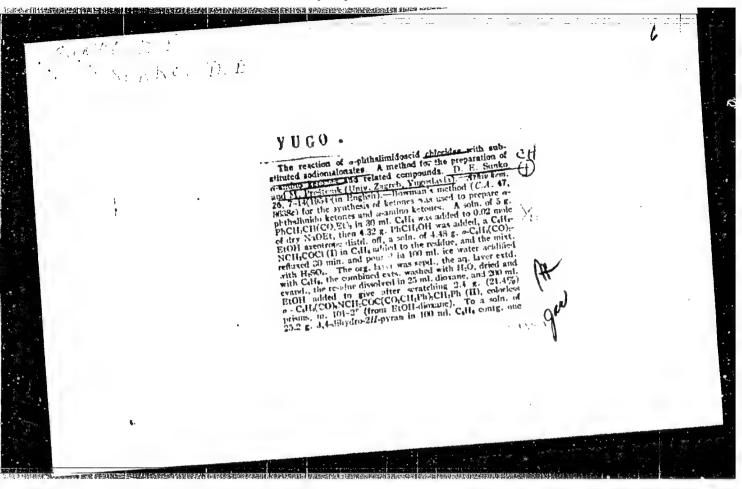


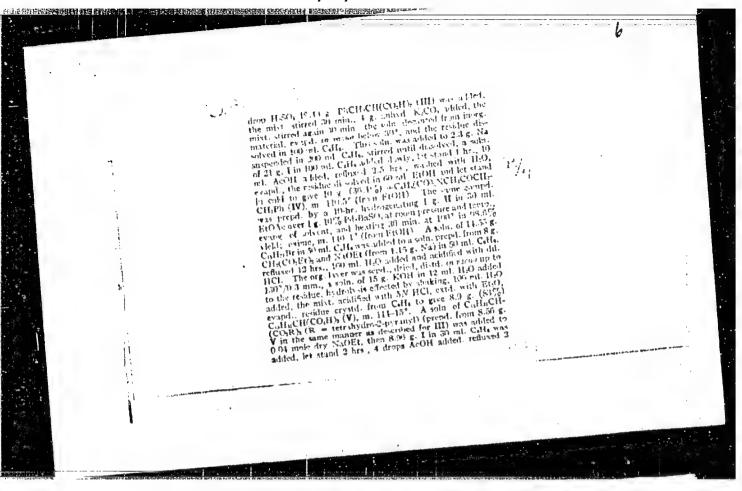


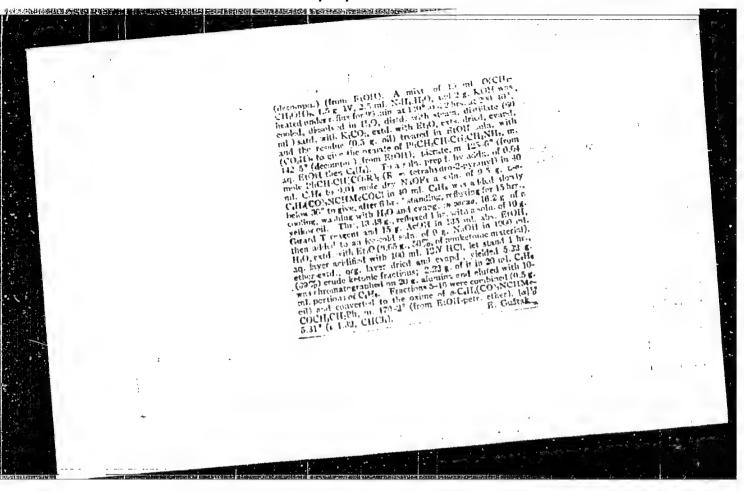


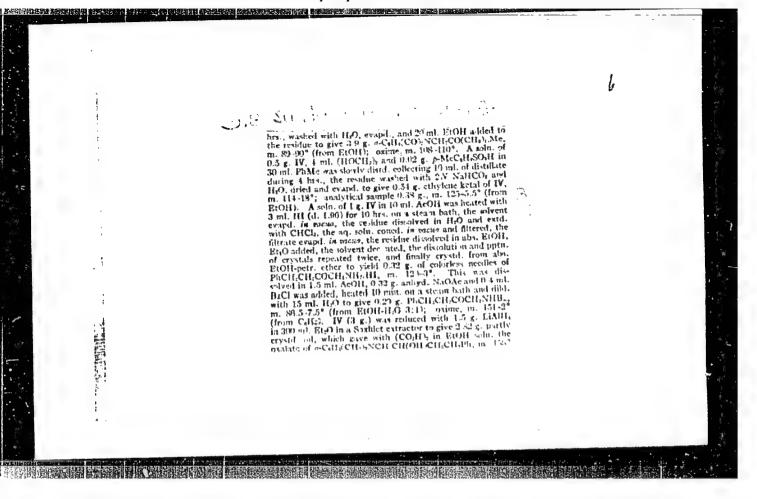












SUNKE, D.C.

Yugoslavia/Organic Chemistry - Synthetic Organic Chemistry, 8-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 813

Author: Sunko, D. R. and Vujanovic, N.

Institution: None

Title: 2-hexadecynoic Acid

Arhiv. kemiju, 1955, Vol 27, No 4, 217-218 (published in English Original Periodical:

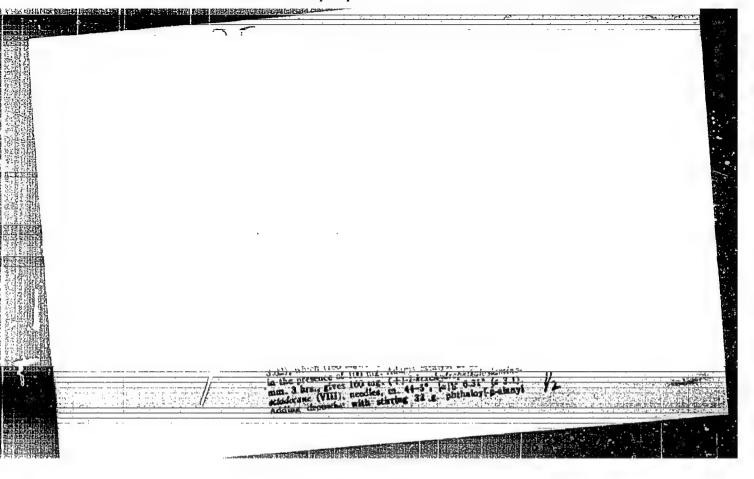
with a Serbo-Croatian summary)

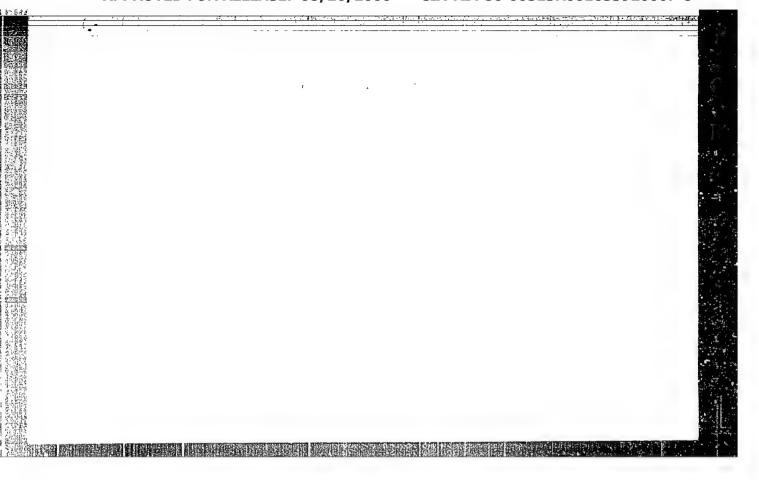
Abstract: To a solution of C12H25MgBr in ether (0.315 moles of C12H25Br) are added 0.3 moles of CH2 = CBrCH2Br; the mixture is refluxed for 4 hours added 0.5 moles of the - throught, the mixture is reliated for 4 hour and hydrolyzed with dilute HCl. The yield of 2-bromo-1-pentadecyne (I) is 35%, bp 920/0.15 mm, np = 1.4690. Thirty-nine grams of I are added (one hour at 1400) to a sample of NH₂Na (from 8.8 gms Na) dissolved in 270 ml of xylene; the mixture is refluxed for 10 hours, after which ice and concentrated HCl are added, and the 1-pentadecyne (II) is extracted with ether. The yield is 49.1%, bp 880/0.25 mm, nD = 1.4545; 13.8 gms of II are added to an ether solution of

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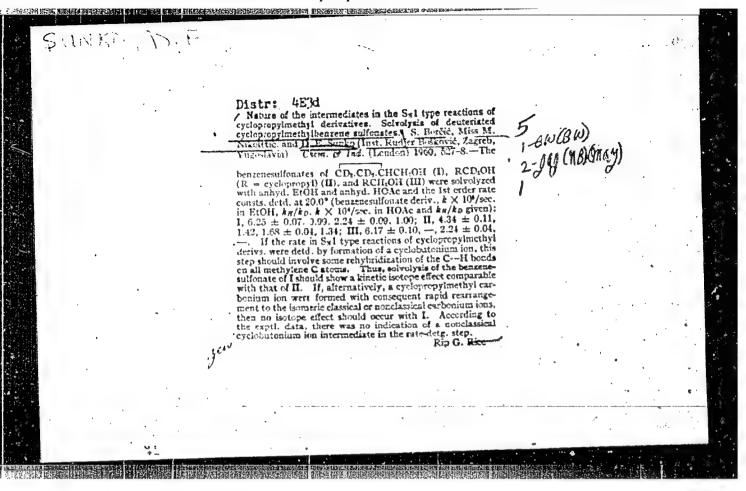
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BORCIC, S.; BELANIC-LIFOVAC, V.; SUNKE, D.E.

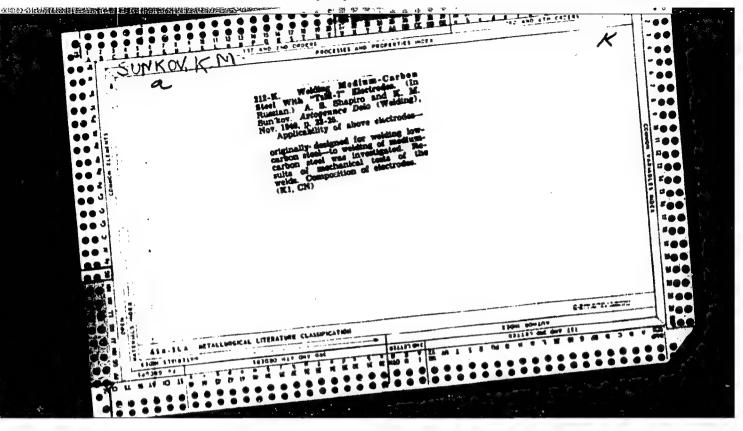
Secondary hydrogene isotopes effects. III. Acetolysis of endoand exo-norbornyl-5,6-d₂ p-bromobensenesulfonates. Groat chem acta 33 no.1:35-39 161.2

1. Institute "Ruder Boskevic", Zagreb, Croatia, Yugoslavia.

BORGIC, S.; STANKO, D.E.

Secondary hydrogene isotopes effects. V. Internal rearragement in the acetolysis of deuterium lebeled cyclopropylmethyl benzene-sulfonates. Croat chem acta 33 no.2:77-81 '61.

1. Institute "Ruder Poskovic", Zabreb, Croatic, Yugoslavia; Members of the Editorial Board, "Croatica chemica acta, Arhiv za kemiju"



83539 S/112/59/000/015/053/068 A052/A002

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Translation from: Referativnyy zhurnal, Elektrotekhnika, 1959, No. 15,pp. 175-176, # 32200

AUTHOR:

Suntsev, M.

TITLE:

PERIODICAL:

Temperature Control Station on Semiconductors

Prom.-ekon. byul. Sovnarkhoz Permsk. ekon. adm. r-na, 1958. No. 7,

p. 23

The central temperature control station is designed for keeping press molds in plastic workshops automatically at a desired temperature. "TOC" (TOS) thermistors are used in the circuit of the station. The station consists of the following units: an electronic bridge, a pickup, a logometer, a switching device consisting of two "WW -50/4 (ShI-50/4) and 84 step selectors, a "MKY -48" (MKU-48) relay and a power unit. The station is designed to control 40 press molds. The measurement and control are done by the electronic bridge. The commutation switching of the points to be measured is performed by the step selectors which connect the points to the electronic bridge; the latter issues

Card 1/2

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83539 S/112/59/000/015/053/068 A052/A002

Temperature Control Station on Semiconductors

through the control unit a command for switching on or off the heating. A visual check of the temperature with the logometer is possible. When the thermister is connected to the input of electronic bridge a bulb flashes showing the press mold whose temperature is measured. There are 2 illustrations.

A.B.K.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

- 1. SUNTSEVA. T. S.
- 2. USSR (600)
- 4. Stock Inspection
- Seminar for veterinary specialists in food inspection. Veterinaria 29 No. 12, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

"APPROVED FOR RELEASE: 08/26/2000

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